



Quarterly Technical Project Status Report 1st Quarter - 2007

Enhancing Societal Benefit with NASA Earth Science and Geospatial Information Technologies (GIT)

Finger Lakes Preservation

Grant Number: NNX07AB15G

Submitted to:
Internal



Finger Lakes Preservation

Project Overview

This project is a continuation of several years work to provide geospatial tools to local decision makers in the Finger Lakes region. Efforts will now focus on working directly at the town level and looking at Critical Environmental Areas. Sub-projects will include the development of custom stand alone and Internet applications for town planning boards, monitoring and inventory tools in support of watershed inspection efforts and the integration of modeling prototypes into visualization technologies.

Current Project Status

Current activities include:

- Developing budgets and schedules for projects included in this round of funding for Finger Lakes efforts.
- Working toward applying recently learned Project Management techniques to current/ongoing Finger Lakes efforts to give them better definition as projects or activities.
- Working to maintain continuity between other water resources projects under other funding sources through regular meetings.
- Continued local town outreach for the towns of Owasco and Dryden and future planning for development of a watershed wide data viewer for towns in the watershed.
- Ongoing support, discussions, brainstorming in support of County Watershed Inspector position.
- Ongoing discussions and development of Otisco Watershed kit.
- Investigations into options, techniques and hurdles to accessing Onondaga County parcel data “live” for applications (including Otisco Watershed).
- Oversight of buoy program.

Recent Accomplishments

- Worked with Tom Stopyra and completed extended agreement with Upstate Freshwater Institute to expend a contract balance of funds for buoy management for 2007 season.
- Internal Water Resources Group meetings held regularly to review all water resources based projects currently active at IAGT, including those funded under Finger Lakes activities and others.
- Meetings and discussions with Owasco and Dryden per their needs and refinement of data/applications supplied to them.
- Regular attendance at Cayuga County Water Quality Management Agency meetings.
- Demonstration/presentation of FLDSS and other technologies to new Cayuga County Manager.



- Completed brief survey of technology resources (computers, Internet, general bandwidth etc.) available for town planners in each town in the Owasco WS.
- Determined best plan is to not access “live” data from Onondaga County at this time. Issues are policy based, not technological.
- Initiated communications with Onondaga County Water Authority to purchase parcel data for Otisco Watershed.

Outstanding Issues

- None.

Near-term Goals

- Acquire parcels for Otisco Watershed, complete kit and present to Congressman Walsh’s office.
- Finalize budgets/schedules for Finger Lakes projects and initiate some of the new projects.
- Complete refined definitions of ongoing Finger Lakes efforts.
- Monitor buoy deployment for this summer, and work with UFI and OWLA to resolve final details for radio communication back up system.